About NIT Trichy

The National Institute of Technology Tiruchirappalli (NIT-T), formerly known as Regional Engineering College, Tiruchirappalli (REC-T) is one of the technical institutes started by the Government of India. REC-T was imparting quality education since its inception. In 2003, the institute has been granted "Deemed to be University" status with the approval of UGC/ AICTE. The college has been conferred with autonomy in financial and administrative matters to achieve rapid development. NIT-T was registered under Societies Registration Act XXVII of 1975. The College has a total campus area of 800 acres. With the cream of engineering and management talent, encompassing exuberant students and inspiring faculty, integrated with state-of-the-art infrastructure facilities, NIT-T today has emerged as one of the premier institutions in the country.

Coordinators

- **Dr.S.Deivalakshmi, ECE, NITT**
- **Dr.R.Pandeeswari, ECE, NITT**
- **Dr.B.Rebekka, ECE, NITT**

About the Department

The Electronics and Communication Engineering (ECE) Department was established in the year 1968. The vision of the department is to provide valuable resources for industry and society through excellence in technical education and research. The Department offers Under graduate, Post Graduate, Research Degrees (M.S. & Ph.D.) programs. Research in the Department focuses on various disciplines such as Communication Systems, Wireless Networks, Signal and Image Processing, RF MEMS, Microwave Antennas, MIC, Optical Communication, Photonics and VLSI systems.
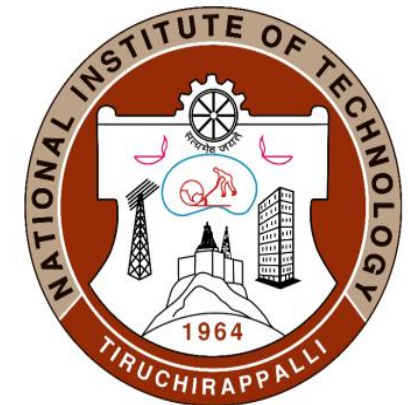
Resource Persons

Faculty from National Institute of Technology Tiruchirappalli will be handling the sessions.

Course Timings

The sessions will be conducted from 10.30AM to 4.00 PM on all five-days of the workshop.

One Week Workshop on "Artificial Intelligence Techniques for Antenna Design and Wireless Communication"
(online)

12th – 16th April 2021

Organized by

Department of Electronics and Communication Engineering

National Institute of Technology Tiruchirappalli, Tamil Nadu-620015, India

Pre-requisites

The participants should have installed MATLAB higher versions with deep leaning tool box in their PC/laptops.

Course Contents

1. Micro strip Antenna design
2. CPW Fed Antennas
3. Metamaterial Antennas
4. Challenges and Enablers of 5G
5. AI in Wireless communication networks
6. Energy and Spectral efficiency aspects of wireless communication
7. Linear/Nonlinear Regression
8. Antenna Parameter Prediction Using Regression
9. Logistic Regression

Contact Information

For any further queries and clarifications, mail to nitteceworkshop@gmail.com.

Or

Ravindranath K, Research Scholar, NITT

Mobile No. : 9742420155.

Payment Procedure

1. Go to the SBI-collect using the link https://www.onlinesbi.com/sbicollect/icollecthome.htm
2. Select the state as 'Tamil Nadu', and category as 'Educational Institutions'.
3. Select "conference and workshop NIT Trichy".
4. Select payment category as "AITADWC 2021 ECE".
5. Make payment through UPI/ Net Banking/ Credit card/ NEFT.
6. Once the fees paid, fill up your details and upload the payment receipt in – https://forms.gle/eJrKxKnYaaqRGGzr8

Registration Fee

Category	Amount to be paid (INR)
Research scholars	Rs.1000
Faculty	Rs.1500
R&D/Industry personnel	Rs.2000

Important Dates and Instructions

Only limited participants are allowed for online workshop.

Shortlisted candidates will be informed through mail.

Intimation through mail	10-04-2021
Last date of payment for shortlisted participants	11-04-2021
Mode of delivery	Online platform- Cisco Webex

*Registration fee to be paid by using SBI - collect only. The payment for the registration includes GST and other taxes.

Upon successful completion of one-week online workshop, the e-certificate will be given to the participants.